

Appl. No. 10/686,601
Amdt. dated January 18, 2006
Reply to Office action of October 20, 2005
Atty. Docket No. AP941US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A light source unit, for supplying light via a light guide to a remote location, comprising a support for supporting a light source and a light guide in a prescribed alignment relative to each other, the support comprising a first part for supporting the light source, a second part for supporting the light guide, and at least first and second light baffles between the first part and the second part, the first and second baffles each having an aperture for passing only a portion of light from the light source incident upon the baffle, the arrangement being such that light from the light source must pass through the apertures in both baffles to be incident upon the light guide.
2. (Original) A light source unit according to claim 1, for supplying light to a said light guide having at least one ferrule for coupling to the light source unit, wherein the baffles are dimensioned and positioned so as to substantially avoid light from the source being incident upon the ferrule.
3. (Original) A light source unit according to claim 2, wherein the aperture in the baffle that is closer to the first part of the support is slightly larger than the aperture in the baffle that is further from the first part of the support.
4. (Original) A light source unit according to claim 3, wherein the first baffle comprises a truncating end wall of a conical baffle member having a mouth portion, a mounting being provided at the mouth portion for mounting the light source so as to direct light into the conical baffle member.
5. (Original) A light source unit according to claim 1, wherein the baffles, first part and second part are integral parts of the support and are made of material having a high thermal conductivity, and a fan is provided for directing cooling air onto both the support and the light source.
6. (Original) A light source unit according to claim 5, further comprising a duct for directing cooling air across a major surface of the support.
7. (Original) A light source unit according to claim 5, wherein the light source unit has a housing partitioned to provide a compartment enclosing the light source, support and light guide holder, and the fan is positioned outside the compartment to direct cooling air onto the light source via an opening in a wall of the compartment.
8. (Original) A light source unit according to claim 6, wherein the light source unit has a housing partitioned to provide a compartment enclosing the light source, support and light guide holder, and the fan is positioned outside the compartment to direct cooling air onto the light source via an opening in a wall of the compartment.
9. (Original) A light source unit according to claim 1, further comprising a plate mounted between

Appl. No. 10/686,601
Amdt. dated January 18, 2006
Reply to Office action of October 20, 2005
Atty. Docket No. AP941US

the first and second apertures and having a plurality of apertures of different sizes, the plate being pivotally mounted for interposing the plurality of apertures selectively between the first and second apertures, at least one of the apertures being having a size such that, when interposed, it restricts light to such an extent that the second aperture is substantially ineffective.

10 - 13. (Withdrawn)